

# SEQUENCE LISTING

<110> Timans, Jacqueline C.

<120> Nucleic acids encoding mammalian interleukin-1zeta, related reagents and methods

<130> DX0904K

<140> US 09/398,412

<141> 1999-09-17

<150> US 60/100948

<151> 1998-09-18

<160> 15

<170> PatentIn version 3.1

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aca gat aaa ttt gag aac agg aaa cac att gaa ttt tca ttt caa cca				1105
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35 40 45

Ser Arg Lys Val Lys Ser Leu Asn Pro Lys Lys Phe Ser Ile His Asp  
50 55 60

Gln Asp His Lys Val Leu Val Leu Asp Ser Gly Asn Leu Ile Ala Val  
65 70 75 80

Pro Asp Lys Asn Tyr Ile Arg Pro Glu Ile Phe Phe Ala Leu Ala Ser  
85 90 95

Ser Leu Ser Ser Ala Ser Ala Glu Lys Gly Ser Leu Ile Leu Leu Gly  
100 105 110

Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys Asp Lys Asp Lys Gly Gln  
115 120 125

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130 135 140

Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe Ile Phe Tyr Arg Ala Gln  
145 150 155 160

Val Gly Ser Arg Asn Met Leu Glu Ser Ala Ala His Pro Gly Trp Phe  
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Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro Val Gly Val Thr Asp Lys  
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Ser Pro Lys Val Lys Asn Leu Asn Pro Lys Lys Phe Ser Ile His Asp  
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Gln Asp His Lys Val Leu Val Leu Asp Ser Gly Asn Leu Ile Ala Val  
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Pro Asp Lys Asn Tyr Ile Arg Pro Glu Ile Phe Phe Ala Leu Ala Ser  
85 90 95

Ser Leu Ser Ser Ala Ser Ala Glu Lys Gly Ser Pro Ile Leu Leu Gly  
100 105 110

Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys Asp Lys Asp Lys Gly Gln  
115 120 125

Ser His Pro Ser Leu Gln Leu Lys Lys Glu Lys Leu Met Lys Leu Ala  
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145 150 155 160

Val Gly Ser Trp Asn Met Leu Glu Ser Ala Ala His Pro Gly Trp Phe  
165 170 175

Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro Val Gly Val Thr Asp Lys  
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Ile Arg Ala Asn Asp Gln Tyr Leu Thr Ala Ala Ala Leu His Asn Leu  
35 40 45

Asp Glu Ala Val Lys Phe Asp Met Gly Ala Tyr Lys Ser Ser Lys Asp  
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Asp Ala Lys Ile Thr Val Ile Leu Arg Ile Ser Lys Thr Gln Leu Tyr  
65 70 75 80

Val Thr Ala Gln Asp Glu Asp Gln Pro Val Leu Leu Lys Glu Met Pro  
85 90 95

Glu Ile Pro Lys Thr Ile Thr Gly Ser Glu Thr Asn Leu Leu Phe Phe  
100 105 110

Trp Glu Thr His Gly Thr Lys Asn Tyr Phe Thr Ser Val Ala His Pro  
115 120 125

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Leu Gln Gln Glu Val Lys Phe Asp Met Tyr Ala Tyr Ser Ser Gly Gly  
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Asp Asp Ser Lys Tyr Pro Val Thr Leu Lys Ile Ser Asp Ser Gln Leu  
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Phe Val Ser Ala Gln Gly Glu Asp Gln Pro Val Leu Leu Lys Glu Leu  
 85 90 95

Pro Glu Thr Pro Lys Leu Ile Thr Gly Ser Glu Thr Asp Leu Ile Phe  
 100 105 110

Phe Trp Lys Ser Ile Asn Ser Lys Asn Tyr Phe Thr Ser Ala Ala Tyr  
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Asp Met Thr Asp Ser Asp Cys Arg Asp Asn Ala Pro Arg Thr Ile Phe  
 35 40 45

Ile Ile Ser Met Tyr Lys Asp Ser Gln Pro Arg Gly Met Ala Val Thr  
 50 55 60

Ile Ser Val Lys Cys Glu Lys Ile Ser Thr Leu Ser Cys Glu Asn Lys  
 65 70 75 80

Ile Ile Ser Phe Lys Glu Met Asn Pro Pro Asp Asn Ile Lys Asp Thr  
 85 90 95

Lys Ser Asp Ile Ile Phe Phe Gln Arg Ser Val Pro Gly His Asp Asn  
100 105 110

Lys Met Gln Phe Glu Ser Ser Ser Tyr Glu Gly Tyr Phe Leu Ala Cys  
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Ile Tyr Met Tyr Lys Asp Ser Glu Val Arg Gly Leu Ala Val Thr Leu  
50 55 60

Ser Val Lys Asp Ser Lys Met Ser Thr Leu Ser Cys Lys Asn Lys Ile  
65 70 75 80

Ile Ser Phe Glu Glu Met Asp Pro Pro Glu Asn Ile Asp Asp Ile Gln  
85 90 95

Ser Asp Leu Ile Phe Phe Gln Lys Arg Val Pro Gly His Asn Lys Met  
100 105 110

Glu Phe Glu Ser Ser Leu Tyr Glu Gly His Phe Leu Ala Cys Gln Lys  
115 120 125

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Asp Lys Ser Val Met Phe Thr Leu Thr Asn Leu His Gln Ser



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 35 40 45

Gln Gly Glu Glu Ser Asn Asp Lys Ile Pro Val Ala Leu Gly Leu Lys  
 50 55 60

Glu Lys Asn Leu Tyr Leu Ser Cys Val Leu Lys Asp Asp Lys Pro Thr  
 65 70 75 80

Leu Gln Leu Glu Ser Val Asp Pro Lys Asn Tyr Pro Lys Lys Lys Met  
 85 90 95

Glu Lys Arg Phe Val Phe Asn Lys Ile Glu Ile Asn Asn Lys Leu Glu  
 100 105 110

Phe Glu Ser Ala Gln Phe Pro Asn Trp Tyr Ile Ser Thr Ser Gln Ala  
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Asn Gly Gln Asn Ile Asn Gln Gln Val Ile Phe Ser Met Ser Phe Val  
35 40 45

Gln Gly Glu Pro Ser Asn Asp Lys Ile Pro Val Ala Leu Gly Leu Lys  
50 55 60

Gly Lys Asn Leu Tyr Leu Ser Cys Val Met Lys Asp Gly Thr Pro Thr  
65 70 75 80

Leu Gln Leu Glu Ser Val Asp Pro Lys Gln Tyr Pro Lys Lys Lys Met  
85 90 95

Glu Lys Arg Phe Val Phe Asn Lys Ile Glu Val Lys Ser Lys Val Glu  
100 105 110

Phe Glu Ser Ala Glu Phe Pro Asn Trp Tyr Ile Ser Thr Ser Gln Ala  
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Ala Gly Tyr Leu Gln Gly Pro Asn Val Asn Leu Glu Glu Lys Ile Asp  
35 40 45

Val Val Pro Ile Glu Pro His Ala Leu Phe Leu Gly Ile His Gly Gly  
50 55 60

Lys Leu Cys Leu Ser Cys Val Lys Ser Gly Asp Glu Thr Arg Leu Gln  
65 70 75 80

Leu Glu Ala Val Asn Ile Thr Asp Leu Ser Glu Asn Arg Lys Gln Asp  
85 90 95

Lys Arg Phe Ala Phe Ile Arg Ser Asp Ser Gly Pro Thr Thr Ser Phe  
100 105 110

Glu Ser Ala Ala Cys Pro Gly Trp Phe Leu Cys Thr Ala Met Glu Ala  
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Ala Gly Tyr Leu Gln Gly Pro Asn Ile Lys Leu Glu Glu Lys Ile Asp  
35 40 45

Met Val Pro Ile Asp Leu His Ser Val Phe Leu Gly Ile Lys Gly Tyr  
50 55 60

Lys Leu Tyr Met Ser Cys Val Lys Ser Gly Asp Asp Ile Lys Leu Gln  
65 70 75 80

Leu Glu Glu Val Asn Ile Thr Asp Leu Ser Lys Asn Lys Glu Glu Asp  
85 90 95

Lys Arg Phe Thr Phe Ile Arg Ser Glu Lys Gly Pro Thr Thr Ser Phe  
100 105 110

Glu Ser Ala Ala Cys Pro Gly Trp Phe Leu Cys Thr Thr Leu Glu Ala  
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His Ala Glu Lys Val Ile Lys Gly Glu Glu Ile Ser Val Val Pro Asn  
35 40 45

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50 55 60

Gly Ser Gln Cys Leu Ser Cys Gly Thr Glu Lys Gly Pro Ile Leu Lys  
65 70 75 80

Leu Glu Pro Val Asn Ile Met Glu Leu Tyr Leu Gly Ala Lys Glu Ser  
85 90 95

Lys Ser Phe Thr Phe Tyr Arg Arg Asp Met Gly Leu Thr Ser Ser Phe  
100 105 110

Glu Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Ser Pro Glu Ala  
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35 40 45

Leu Pro Cys Gln Tyr Leu Asp Thr Leu Glu Thr Asn Arg Gly Asp Pro  
50 55 60

Thr Tyr Met Gly Val Gln Arg Pro Met Ser Cys Leu Phe Cys Thr Lys  
65 70 75 80

Asp Gly Glu Gln Pro Val Leu Gln Leu Gly Glu Gly Asn Ile Met Glu  
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Met Tyr Asn Lys Lys Glu Pro Val Lys Ala Ser Leu Phe Tyr His Lys  
100 105 110

Lys Ser Gly Thr Thr Ser Thr Phe Glu Ser Ala Ala Phe Pro Gly Trp  
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Asp Ser Val Thr Pro Val Thr Val Ala Val Ile Thr Cys Lys Tyr Pro

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Leu Gln Leu Lys Glu Gln Lys Ile Met Asp Leu Tyr Gly Gln Pro Glu  
100 105 110

Pro Val Lys Pro Phe Leu Phe Tyr Arg Ala Lys Thr Gly Arg Thr Ser  
115 120 125

Thr Leu Glu Ser Val Ala Phe Pro Asp Trp Phe Ile Ala Ser Ser Lys  
130 135 140

Arg Asp Gln Pro Ile Ile Leu Thr Ser Glu Leu Gly Lys Ser Tyr Asn  
145 150 155 160

Thr Ala Phe Glu Leu Asn Ile Asn Asp  
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